

WHAT IS CLAIMED IS:

1. A set of different, but mutually compatible, fluid binder premixes sufficient to form at least one adhesive line, the set comprising:
 - (i) at least one premix which comprises at least one polymeric binder having a peel of less than about 20 ounces/inch; a tack of less than about 300 grams; and a shear of greater than about 50 hours;
 - (ii) at least one premix which comprises at least one polymeric binder having a peel of less than about 20 to about 50 ounces/inch, a tack of about 300 to about 500 grams, and a shear of about 5 to about 50 hours; and
 - (iii) at least one premix which comprises at least one polymeric binder having a peel of greater than about 50 ounces/inch, a tack of greater than about 500 grams, and a shear of less than about 10 hours.
2. An adhesive comprising the set of premixes of claim 1 and at least one additive selected from the group consisting of a tackifier, a plasticizer, a thickener, a crosslinker, and mixtures thereof.
3. The set of premixes of claim 1, wherein the number of premixes is from 3 to 15.
4. The set of premixes of claim 1, wherein at least one of the premixes further comprises at least one additive selected from the group consisting of a tackifier, a plasticizer, a thickener, and a crosslinker.
5. A method of forming at least one adhesive line, which method comprises the steps of:
 - (a) providing a set of different, but mutually compatible, fluid binder premixes which set comprises:

- (ii) at least one premix, which comprises at least one polymeric binder having a peel of less than about 20 ounces/inch, a Polyken tack of less than about 300 grams, and a shear of greater than about 50 hours;
 - (iii) at least one premix which comprises at least one polymeric binder having a peel of less than about 20 to about 50 ounces/inch, a Polyken tack of about 300 to about 500 grams, and a shear of about 5 to about 50 hours; and
 - (iv) at least one premix which comprises at least one polymeric binder having a peel of greater than about 50 ounces/inch, a Polyken tack of greater than about 500 grams, and a shear of less than about 10 hours; and
- (b) dispensing a predetermined amount of each of the premixes into containers or an applicator to form the adhesive line.
6. A method of forming a range of adhesives, the range comprising at least two adhesive lines, which method comprises the steps of:
- (a) providing a set of different, but mutually compatible, fluid binder premixes, which set comprises:
 - (ii) at least one premix which comprises at least one polymeric binder having a peel of less than about 20 ounces/inch, a Polyken tack of less than about 300 grams, and a shear of greater than about 50 hours;
 - (iii) at least one premix which comprises at least one polymeric binder having a peel of less than about 20 to about 50 ounces/inch, a Polyken tack of about 300 to about 500 grams, and a shear of about 5 to about 50 hours;
 - (iv) at least one binder premix which comprises at least one polymeric binder having a peel of greater than about 50 ounces/inch,

a Polyken tack of greater than about 500 grams, and a shear of less than about 10 hours; and

(v) at least one additional different binder premix selected from premixes (i) to (iii); and

(b) dispensing a predetermined amount of each of the premixes into containers or applicators to form the adhesive lines.

7. The method of claim 5 or claim 6, further comprising the step of providing at least one additive selected from the group consisting of a tackifier, a plasticizer, a thickener, and a crosslinker.
8. The method of claim 7, further comprising the step of dispensing predetermined amount(s) of the additive(s) into the containers or the applicator.
9. The method of claim 5 or claim 6, wherein at least one of the premixes further comprises at least one additive selected from the group consisting of a tackifier, a plasticizer, a thickener, and a crosslinker.
10. The method of claim 5 or claim 6, wherein the number of premixes is from 4 to 15.
11. A set of different, but mutually compatible, fluid binder premixes sufficient to form at least one adhesive line, which set comprises at least two premixes selected from the group consisting of:
 - (a) at least one premix comprising at least one prepolymer that forms a polymeric binder having a Tg of about -70°C to about 0°C when cured;
 - (b) at least one premix comprising at least one prepolymer that forms a polymeric binder having a Tg of about -10°C to about 70°C when cured;

- (c) at least one premix comprising at least one polymeric binder having a Tg of about 0°C to about 30°C;
 - (d) at least one premix comprising at least one polymeric binder having a Tg of about -15°C to about 15°C; and
 - (e) at least one premix comprising at least one polymeric binder having a Tg of about -70°C to about 0°C.
12. A method of forming at least one adhesive line, which method comprises the steps of :
- (a) providing the set of binder premixes of claim 11; and
 - (b) dispensing a predetermined amount of each of the selected premises into containers or applicator to form the adhesive line.
13. A method of forming a range of adhesives, the range comprising at least two adhesive lines, which method comprises the steps of:
- (a) providing a set of at least three different, but mutually compatible, fluid binder premixes which are selected from the group consisting of :
 - (i) at least one premix comprising at least one prepolymer that forms a polymeric binder having a Tg of about -70° to about 0°C when cured;
 - (ii) at least one premix comprising at least one prepolymer that forms a polymic binder having a Tg of about -10°C to about 70°C when cured;
 - (iii) at least one premix comprising at least one polymeric binder having a Tg of about 0°C to about 30°C;
 - (iv) at least one premix comprising at least one polymeric binder having a Tg of about -15° to about 15°C;
 - (v) at least one premix comprising at least one polymeric binder having a Tg of about -70°C to about 0°C; and

(vi) at least one additional different premix selected from the group consisting of premixes (i), (ii), (iii), (iv), and (v); and
(b) dispensing a predetermined amount of each of the selected premixes into containers or applicators to form the adhesive lines.

14. The method of claim 5, 6, 12 or 13, further comprising the step of mixing the premixes before, while, or after the premixes are dispensed into the containers.
15. The method of claim 5, 6, 12 or 13, further comprising the step of mixing the premixes before or while the premixes are dispensed into the applicator(s).
16. The method of claim 5, 6, 12 or 13, further comprising the step of adjusting the viscosity of the premixes before, while, or after the premixes are dispensed into the containers.
17. The method of claim 5, 6, 12 or 13, further comprising the step of adjusting the viscosity of the premixes before or while the premixes are dispensed into the applicator(s).
18. The method of claim 5, 6, 12 or 13, wherein the method is carried out at a manufacturing facility.
19. The method of claim 5, 6, 12 or 13, wherein the method is carried out at a point-of-sale.
20. The method of claim 5, 6, 12 or 13, wherein the method is carried out at a point-of-use.

21. The method of claim 5, 6, 12 or 13, wherein the method is controlled by a computer.
22. The method of claim 5, 6, 12 or 13, further comprising the step of providing at least one additive selected from the group consisting of a tackifier and a plasticizer.
23. A set of different, but mutually compatible, fluid premixes sufficient to form at least one caulk line, which set comprises:
 - (i) at least one binder premix comprising at least one polymeric binder having a Tg of less than about 0°C;
 - (ii) at least one binder premix comprising at least one polymeric binder, having a Tg of less than about 25°C; and
 - (iii) optionally at least one extender premix comprising at least one extender.
24. The set of premixes of claim 23, which set further comprises at least one additional fluid binder premix or fluid extender premix.
25. The set of premixes of claim 24, wherein the fluid extender premix further comprises at least one opacifying pigment.
26. The set of premixes of claim 23, further comprising at least one fluid opacifying premix comprising at least one opacifying pigment.
27. A method of forming at least one caulk line, which method comprises the steps of:
 - (a) providing the set of the premixes of claim 23, 24, 25 or 26; and
 - (b) dispensing a predetermined amount of each of the selected premixes into containers or applicator(s) to form the caulk line.

28. The method of claim 27, wherein the method is continuous.
29. The method of claim 27, further comprising the step of mixing the premixes before, while, or after they are dispensed into the containers.
30. The method of claim 27, further comprising the step of mixing the premixes before or while they are dispensed into the applicator(s).
31. The method of claim 27, further comprising the step of adjusting the viscosity of the premixes before, while, or after they are dispensed into the containers.
32. The method of claim 27, further comprising the step of adjusting the viscosity of the premixes before or while they are dispensed into the applicator(s).
33. The method of claim 27, wherein the method is carried out at a manufacturing facility.
34. The method of claim 27, wherein the method is carried out at a point-of-sale.
35. The method of claim 27, wherein the method is carried out at a point-of-use.
36. The method of claim 27, wherein the method is controlled by a computer.